

■ Job Information

Subject No.	2023R-106
Job Title	Fixed Term Researcher
Department	Quantum ICT Collaboration Center
Work Contents (Research theme)	Research and Development on Field Demonstration of Quantum Entanglement for Quantum Internet
Detail of Work Contents	<p>Demonstrating quantum entanglement swapping using field installed fibers and research and development on new capabilities using bell measurements</p> <p>The Article 15(2) of the Act on the activation of Science, Technology and Innovation will be applied to this work content.</p>
	<p>In accordance with the policy of the Japanese government decided on February 12, 2020 (https://www8.cao.go.jp/cstp/compefund/jisshishishin.pdf), employees to be hired through this recruitment may apply for external competitive research fundings such as Grant-in-Aid for Scientific Research (KAKENHI) and NICT's internal research fundings if conditions of employees meet the requirements of the policy.</p>
Application requirement	<p>Have or expect to obtain a Doctor's degree in engineering or science. Research experience (theory or experiment) of quantum physics and quantum key distribution is required. Experimental experience in quantum optics is desirable. Experience with communication experiments over optical fibers is also preferred. Ability to communicate in Japanese and English without difficulty is required.</p>
Recruiting (Number of people)	1
Contract period	<p>hiring date ~ March 31,2024</p> <p>N.B. Contract could be renewed.</p>
The employment period in case of fully renewing	Up to March 31,2028 if certain conditions are fulfilled
Salary (basic salary)	<p>¥471,000 ~ ¥509,000/month</p> <p>Basic salary shall be determined by taking into account each employee's experience and task to be engaged in. However, as a basic salary is compliant with government employees' wages, it shall be changed when a basic salary is changed after labor union and the like of NICT agreed under a revision to the government employees' wages.</p>
Work Place	<p>Headquarters</p> <p>(Koganei-shi, Tokyo)</p>
Working frequency	5days/week (7.5hours/day)

Department name and work place including work contents (research theme) and detail of work contents might change according to organizational change, etc.